

# STIC Search Considered for 10/054,482

lee - 08 / 878128

Page 1

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:50:28 ON 06 OCT 1998  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 1998 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 02 OCT 98 HIGHEST RN 212115-71-4  
DICTIONARY FILE UPDATES: 05 OCT 98 HIGHEST RN 212115-71-4

TSCA INFORMATION NOW CURRENT THROUGH JUNE 29, 1998

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Stereochemical name changes have been adopted and appear in CN's  
beginning 6/29/98. See the online news message for details.

\*\* Notice \*\* If you recently ran a CSS search involving an  
AK-carbon connection, please enter NEWS  
at an arrow prompt for a message containing  
important details.

=> d stat que 13

L1 1 SEA FILE=WPIDS ABB=ON PLU=ON JP96-158175/PRN  
L2 1 SEA FILE=WPIDS ABB=ON PLU=ON JP97-79251/PRN  
L3 1 SEA FILE=WPIDS ABB=ON PLU=ON (L1 OR L2)

) applicants

=> d his 13-

(FILE 'WPIDS' ENTERED AT 07:42:41 ON 06 OCT 1998)

L3 1 S L1,L2  
SEL PN APPS

FILE 'HCAPLUS' ENTERED AT 07:43:27 ON 06 OCT 1998

L4 1 S E1-E4  
SEL RN

FILE 'REGISTRY' ENTERED AT 07:43:36 ON 06 OCT 1998

L5 45 S E5-E49  
L6 35 S L5 AND PMS/CI  
L7 33 S L6 AND OC5/ES  
L8 2 S L6 NOT L7  
L9 1 S L8 NOT C2H4O  
L10 34 S L7,L9  
L11 11 S L5 NOT L10

from L4 - compounds  
(polymers) identified  
by Chem Abs

FILE 'HCAOLD' ENTERED AT 07:47:50 ON 06 OCT 1998

L12 0 S L10

FILE 'HCAPLUS' ENTERED AT 07:47:54 ON 06 OCT 1998

L13 3 S L10

FILE 'USPATFULL' ENTERED AT 07:50:09 ON 06 OCT 1998

L14 2 S L10

FILE 'HCAPLUS, USPATFULL' ENTERED AT 07:50:21 ON 06 OCT 1998

L15 5 DUP REM L13 L14 (0 DUPLICATES REMOVED)

← all refs  
for L10

FILE 'REGISTRY' ENTERED AT 07:50:28 ON 06 OCT 1998

=> fil wpids

FILE 'WPIDS' ENTERED AT 07:50:38 ON 06 OCT 1998  
COPYRIGHT (C) 1998 DERWENT INFORMATION LTD

FILE LAST UPDATED: 01 OCT 1998

<19981001/UP>

>>>UPDATE WEEKS:

MOST RECENT DERWENT WEEK 199839 <199839/DW>

DERWENT WEEK FOR CHEMICAL CODING: 199834

DERWENT WEEK FOR POLYMER INDEXING: 199836

DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> D COST AND SET NOTICE DO NOT REFLECT SUBSCRIBER DISCOUNTS -  
SEE HELP COST FOR DETAILS <<<

>>> DELIMITED FORMAT DALL NOW AVAILABLE <<<

=> d all 13

L3 ANSWER 1 OF 1 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 98-044290 [05] WPIDS

DNC C98-014971

TI Glyco-polymer and its decomposition using enzymes - the  
glyco-polymer comprising saccharide component comprising  
gluco-pyranose and second component..

DC All D16

IN KANEKO, N; KIKUCHI, Y; KISHI, H; KOBAYASHI, T; MIHARA, C; SAKAI, K;  
TAKEDA, T; TANAKA, K

PA (CANO) CANON KK

CYC 18

PI EP 814093 A2 971229 (9805)\* EN 31 pp C08B037-00

R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

ADT EP 814093 A2 EP 97-109871 970617

PRAI JP 97-79251 970314; JP 96-158175 960619

IC ICM C08B037-00

ICS C08G063-00; C08G073-00

AB EP 814093 A UPAB: 980202

A glyco-polymer is claimed comprising a saccharide component  
consisting of glucopyranose and a second component.

Also claimed is decomposing a glyco-polymer as above comprising  
selectively decomposing a bond between the saccharide component and  
the second component.

USE - The oligosaccharide portions and second component  
portions may be linked through functional substances such as  
compounds having photochromic characteristics, photo-decomposition  
characteristics or non-linear optical effects. When the  
glyco-polymers acquire a predetermined strength by adding additives  
such as pigments, plasticisers and fillers, they can be employed in  
various structural materials.

ADVANTAGE - This polymeric component is decomposable. The  
decomposition products can be recycled readily. The glyco-polymer  
having an oligosaccharide containing glucopyranose rings is  
excellent in resin characteristics. Since the decomposition products  
have homogeneous compositions, they can be recycled without  
complicated purification steps, giving a great reduction in cost of  
recycling the decomposition products.

Dwg.0/18

FS CPI

FA AB

MC CPI: A03-A05; A08-M08; A10-E05; D05-A02

=> fil hcaplus uspat

FILE 'HCAPLUS' ENTERED AT 07:51:31 ON 06 OCT 1998

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 1998 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 07:51:31 ON 06 OCT 1998

CA INDEXING COPYRIGHT (C) 1998 AMERICAN CHEMICAL SOCIETY (ACS)

=> d 115 bib abs hitrn tot

L15 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 1998 ACS

AN 1998:21423 HCAPLUS

DN 128:89267

TI Oligosaccharide-derived polymeric compounds and enzymic degradation method for their reclamation after use

IN Kishi, Hiroyoshi; Kobayashi, Toyoko; Sakai, Kiyoshi; Kaneko, Norio; Tanaka, Kazumi; Mihara, Chieko; Takeda, Toshihiko; Kikuchi, Yoshihiko

PA Canon Kabushiki Kaisha, Japan

SO Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

PI EP 814093 A2 19971229

DS R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

AI EP 97-109871 19970617

PRAI JP 96-158175 19960619

JP 97-79251 19970314

DT Patent

LA English

AB The polymeric compds. are glycopolymers of a saccharide having only glucopyranose rings and a second component and useful as biodegradable plastics which can be recycled by enzyme for reuse. In addn., the glycopolymers may contain mol. chains having at least one type of repeating unit, which chains are crosslinked by a saccharide having only glucopyranose rings. Thus, a polyester derived from cellobiose and di-Me adipate was incubated with an esterase to give back to cellobiose and di-Me adipate for resynthesis of polyester.

IT 200811-18-3P, Cellobiose-dimethyl aconitate copolymer

200811-19-4P, Cellotriose-dimethyl aconitate copolymer

200811-20-7P, Cellotetraose-dimethyl aconitate copolymer

200811-21-8P, Cellopentaose-dimethyl aconitate copolymer

200811-22-9P, Cellohexaose-dimethyl aconitate copolymer

RL: BMF (Bioindustrial manufacture); BPR (Biological process); BIOL (Biological study); PREP (Preparation); PROC (Process)

(ladder polymer; oligosaccharide-derived polymeric compds. and enzymic method for their reclamation after use)

IT 200730-35-4P 200730-36-5P 200730-37-6P

200730-38-7P 200730-39-8P 200730-40-1P,

Cellobiose-trimethyl trans-aconitate copolymer 200730-41-2P

200730-42-3P 200730-43-4P, Cellopentaose-trimethyl

trans-aconitate copolymer 200730-44-5P,

Cellohexaose-trimethyl trans-aconitate copolymer

200730-47-8P, Diethyl adipate-maltose copolymer

RL: BPR (Biological process); IMF (Industrial manufacture); BIOL

(Biological study); PREP (Preparation); PROC (Process)  
(ladder polymer; oligosaccharide-derived polymeric compds. and enzymic method for their reclamation after use)

IT 73255-78-4P 200730-25-2P, Cellobiose-dimethyl adipate copolymer 200730-26-3P 200730-27-4P 200730-28-5P 200730-29-6P 200730-30-9P, Cellobiose-dimethyl pimelate copolymer 200730-31-0P 200730-32-1P 200730-33-2P 200730-34-3P 200730-45-6P 200730-46-7P 200818-22-0P, Adipic acid p-nitrophenyl ester-chitobiose copolymer 200818-23-1P, Adipic acid p-nitrophenyl ester-chitotriose copolymer 200818-24-2P, Adipic acid p-nitrophenyl ester-chitotetraose copolymer 200818-25-3P, Adipic acid p-nitrophenyl ester-chitopentaose copolymer 200818-26-4P, Adipic acid p-nitrophenyl ester-chitohexaose copolymer

RL: BPR (Biological process); IMF (Industrial manufacture); BIOL (Biological study); PREP (Preparation); PROC (Process)  
(oligosaccharide-derived polymeric compds. and enzymic method for their reclamation after use)

L15 ANSWER 2 OF 5 USPATFULL

AN 97:56778 USPATFULL

TI Adjuvant for pharmaceutical preparations

IN Iritani, Koji, Hyogo, Japan

Kawasaki, Tetsuya, Hyogo, Japan

Tani, Nobutaka, Osaka, Japan

Masuda, Shigeki, Hyogo, Japan

Yano, Yoshiaki, Hyogo, Japan

PA Kanegafuchi Kagaku Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)

PI US 5644012 970701

AI US 92-977100 921116 (7)

PRAI JP 91-300395 911115

JP 91-310873 911126

DT Utility

EXNAM Primary Examiner: Mullis, Jeffrey C.

LREP Sughrue, Mion, Zinn, Macpeak & Seas

CLMN Number of Claims: 8

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 832

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polyester represented by the following general formula (I) and a copolymer which comprises two structural units represented by the following general formulae (I') and (II). ##STR1## and a coating material for use in large intestine-selective drug release pharmaceutical preparations, which contains the above polyester and/or copolymer. The polyester and copolymer of the present invention contain a saccharide residue which is hydrolyzed and/or assimilated specifically in the large intestine, drugs contained in solid oral pharmaceutical administration pharmaceutical preparations coated with the coating material of the present invention are not decomposed or absorbed by digestive organs other than the large intestine, but instead are released selectively and therefore in a high concentration in the large intestine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 73255-78-4P

(prepn. of, as coating agent for large intestine-selective drugs)

L15 ANSWER 3 OF 5 USPATFULL  
AN 96:106195 USPATFULL  
TI Adjuvant for pharmaceutical preparations  
IN Iritani, Koji, Hyogo, Japan  
Kawasaki, Tetsuya, Hyogo, Japan  
Tani, Nobutaka, Osaka, Japan  
Masuda, Shigeki, Hyogo, Japan  
Yano, Yoshiaki, Hyogo, Japan  
PA Kanegafuchi Kagaku Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)  
PI US 5576020 961119  
AI US 95-421781 950414 (8)  
RLI Division of Ser. No. US 92-977100, filed on 16 Nov 1992  
PRAI JP 91-300395 911115  
JP 91-310873 911126  
DT Utility  
EXNAM Primary Examiner: Mullis, Jeffrey C.  
LREP Sughrue, Mion, Zinn, Macpeak & Seas  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 855  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A polyester represented by the following general formula (I) and a copolymer which comprises two structural units represented by the following general formulae (I') and (II). ##STR1## and a coating material for use in large intestine-selective drug release pharmaceutical preparations, which contains the above polyester and/or copolymer. The polyester and copolymer of the present invention contain a saccharide residue which is hydrolyzed and/or assimilated specifically in the large intestine, drugs contained in solid oral pharmaceutical administration pharmaceutical preparations coated with the coating material of the present invention are not decomposed or absorbed by digestive organs other than the large intestine, but instead are released selectively and therefore in a high concentration in the large intestine.  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 73255-78-4P  
(prepn. of, as coating agent for large intestine-selective drugs)

L15 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 1998 ACS  
AN 1993:546588 HCAPLUS  
DN 119:146588  
TI Ester linkage-containing polymers for use in pharmaceutical preparations  
IN Iritani, Koji; Kawasaki, Tetsuya; Tani, Nobutaka; Masuda, Shigeki; Yano, Yoshiaki  
PA Kanegafuchi Kagaku Kogyo K. K., Japan  
SO Eur. Pat. Appl., 15 pp.  
CODEN: EPXXDW  
PI EP 542299 A2 19930519  
DS R: DE, FR, GB, IE, IT  
AI EP 92-119463 19921113  
PRAI JP 91-300395 19911115  
JP 91-310873 19911126

DT Patent  
LA English  
AB A high-mol. wt. polyester comprising a dibasic acid and a saccharide is prepd. for use as a coating agent, which is decompd. specifically in the large intestine. For example, lactose-terephthalic acid dichloride copolymer (mol. wt. 4800) was prepd. and test tablets were coated with the copolymer. When the coated tablets were administered to rats, disintegration in the small intestine was not obsd.

IT 73255-78-4P  
RL: PREP (Preparation)  
(prepn. of, as coating agent for large intestine-selective drugs)

L15 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 1998 ACS  
AN 1980:147256 HCAPLUS  
DN 92:147256  
TI Synthetic polymers containing sugar residues. V. Polyesters derived from D-cellobiose and dicarboxylic acid chlorides by direct polycondensation  
AU Kurita, Keisuke; Hirakawa, Nobuhiko; Iwakura, Yoshio  
CS Fac. Eng., Seikei Univ., Musashino, Japan  
SO J. Polym. Sci., Polym. Chem. Ed. (1980), 18(1), 365-70  
CODEN: JPLCAT; ISSN: 0449-296X  
DT Journal  
LA English  
AB D-Cellobiose (I) is copolycond. with an equimolar amt. of terephthaloyl chloride (II), adipoyl chloride (III), or isophthaloyl chloride at 17.degree. in AcNMe2 contg. pyridine to prep. polyesters by the reaction of the 2 primary OH groups of I, without gel formation. The polyesters have inherent viscosities 0.03-0.20 dL/g (0.25 g/dL Me2SO, 25.degree.). The polyesters are sol. in polar solvents and insol. in other solvents and have 10% wt. loss at 178-204.degree. and 19-39% residue at 450.degree. in thermogravimetric anal. in air. The polyester prepd. from III is cryst. The polyester prepd. from II has the lowest crystallinity.

IT 73255-78-4P  
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. and properties of)

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:51:39 ON 06 OCT 1998  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 1998 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 02 OCT 98 HIGHEST RN 212115-71-4  
DICTIONARY FILE UPDATES: 05 OCT 98 HIGHEST RN 212115-71-4

TSCA INFORMATION NOW CURRENT THROUGH JUNE 29, 1998

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Stereochemical name changes have been adopted and appear in CN's beginning 6/29/98. See the online news message for details.

\*\* Notice \*\* If you recently ran a CSS search involving an

AK-carbon connection, please enter NEWS  
at an arrow prompt for a message containing  
important details.

=> d ide can tot 110

L10 ANSWER 1 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-26-4 REGISTRY

CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose (9CI)

OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitohexaose copolymer

FS STEREOSEARCH

MF (C36 H68 N6 O25 . C6 H10 O4 . x C6 H5 N O3)x

CI PMS

PCT Phenolic resin, Polyamide, Polyamide formed, Polyester, Polyester formed, Polyether

SR CA

LC STN Files: CA, CAPLUS

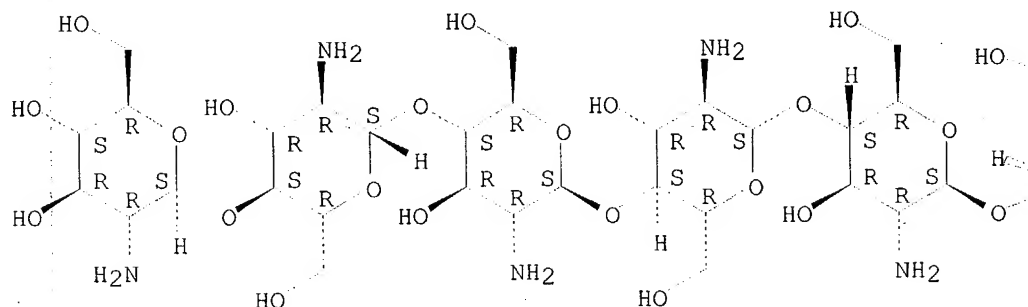
CM 1

CRN 41708-95-6

CMF C36 H68 N6 O25

Absolute stereochemistry.

PAGE 1-A



CRN 200818-21-9  
CMF C6 H10 O4 . x C6 H5 N O3

CRN 124-04-9  
CMF C6 H10 O4

CRN 100-02-7  
CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L10 ANSWER 2 OF 34 REGISTRY COPYRIGHT 1998 ACS  
RN 200818-25-3 REGISTRY  
CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-  
2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-  
deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-  
D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with  
4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

CN : Hexanedioic acid, 4-nitrophenyl ester, polymer with  
O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-  
deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-



D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose (9CI)

## OTHER NAMES:

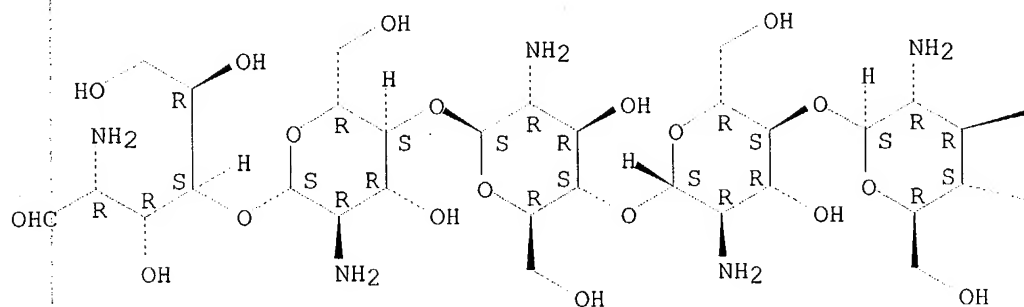
CN Adipic acid p-nitrophenyl ester-chitopentaose copolymer  
 FS STEREOSEARCH  
 MF (C30 H57 N5 O21 . C6 H10 O4 . x C6 H5 N O3)x  
 CI **PMS**  
 PCT Phenolic resin, Polyamide, Polyamide formed, Polyester, Polyester formed, Polyether  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 41708-94-5

CMF C30 H57 N5 O21

Absolute stereochemistry.



PAGE 1-B

OH

OH

CM 2

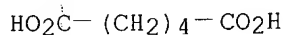
CRN 200818-21-9

CMF C6 H10 O4 . x C6 H5 N O3

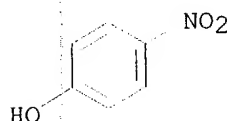
CM 3

CRN 124-04-9

CMF C6 H10 O4



CM 4

CRN 100-02-7  
CMF C6 H5 N O31 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 3 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-24-2 REGISTRY

CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose (9CI)

OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitotetraose copolymer

FS STEREOSEARCH

MF (C24 H46 N4 O17 . C6 H10 O4 . x C6 H5 N O3)x

CI PMS

PCT Phenolic resin, Polyamide, Polyamide formed, Polyester, Polyester formed, Polyether

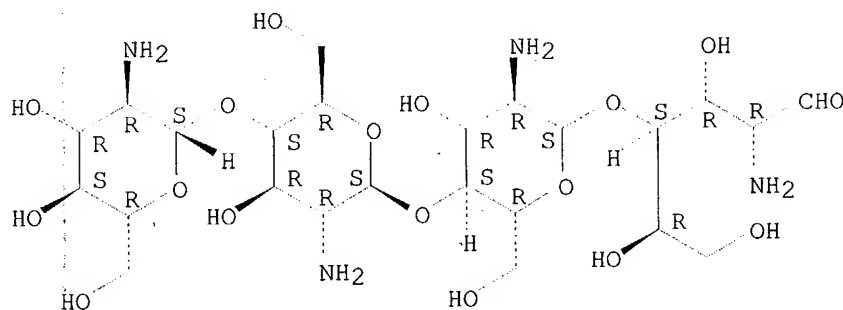
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 5567-52-2  
CMF C24 H46 N4 O17

Absolute stereochemistry.



CM 2

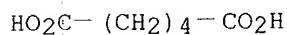
CRN 200818-21-9

CMF C6 H10 O4 . x C6 H5 N O3

CM 3

CRN 124-04-9

CMF C6 H10 O4



CM 4

CRN 100-02-7

CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 4 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-23-1 REGISTRY

CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose (9CI)

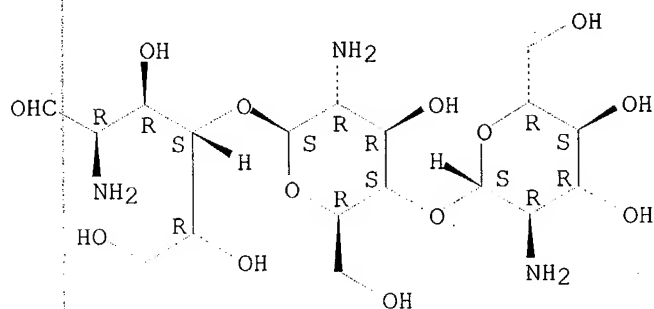
OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitotriose copolymer  
 FS STEREOSEARCH  
 MF (C18 H35 N3 O13 . x C6 H10 O4 . x C6 H5 N O3)x  
 CI PMS  
 PCT Phenolic resin, Polyamide, Polyamide formed, Polyester, Polyester  
 formed, Polyether  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 41708-93-4  
 CMF C18 H35 N3 O13

Absolute stereochemistry.

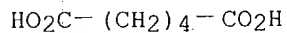


CM 2

CRN 200818-21-9  
 CMF C6 H10 O4 . x C6 H5 N O3

CM 3

CRN 124-04-9  
 CMF C6 H10 O4



CM 4

CRN 100-02-7  
 CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)

## 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 5 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-22-0 REGISTRY

CN D-Glucose, 2-amino-4-O-(2-amino-2-deoxy-.beta.-D-glucopyranosyl)-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with 2-amino-4-O-(2-amino-2-deoxy-.beta.-D-glucopyranosyl)-2-deoxy-D-glucose (9CI)

OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitobiose copolymer

FS STEREOSEARCH

MF (C12 H24 N2 O9 . C6 H10 O4 . x C6 H5 N O3)x

CI PMS

PCT Phenolic resin, Polyamide, Polyamide formed, Polyester, Polyester formed, Polyether

SR CA

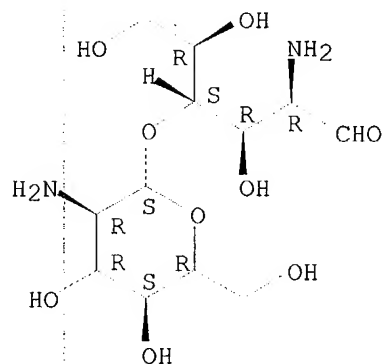
LC STN Files: CA, CAPLUS

CM 1

CRN 577-76-4

CMF C12 H24 N2 O9

Absolute stereochemistry.



CM 2

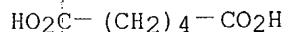
CRN 200818-21-9

CMF C6 H10 O4 . x C6 H5 N O3

CM 3

CRN 124-04-9

CMF C6 H10 O4



CM 4

CRN 100-02-7

CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 6 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200811-22-9 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucose (9CI)

OTHER NAMES:

CN Cellohexaose-dimethyl aconitate copolymer

FS STEREOSEARCH

MF (C36 H62 O31 . C8 H10 O6)x

CI PMS

PCT Polyester, Polyether, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS

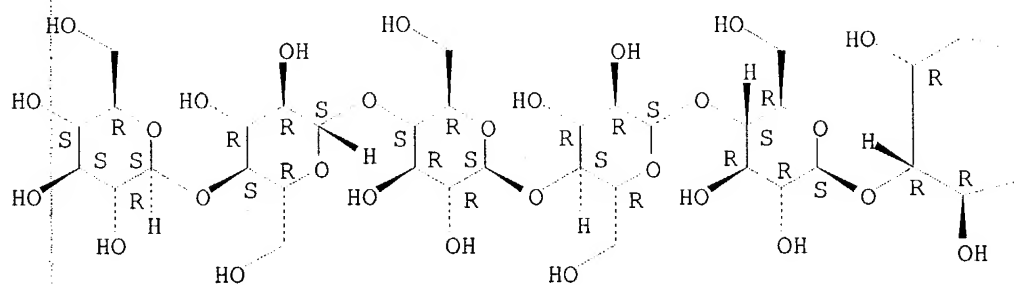
CM 1

CRN 2478-35-5

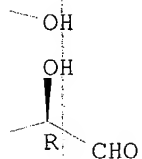
CMF C36 H62 O31

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



CM 2

CRN 200811-17-2

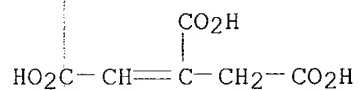
CMF C8 H10 O6

CCI IDS

CM 3

CRN 499-12-7

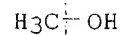
CMF C6 H6 O6



CM 4

CRN 67-56-1

CMF C H4 O



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 7 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200811-21-8 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellopentaose-dimethyl aconitate copolymer

FS STEREOSEARCH

MF (C30 H52 O26 . C8 H10 O6)x

CI PMS

PCT Polyester, Polyether, Polyvinyl

SR CA

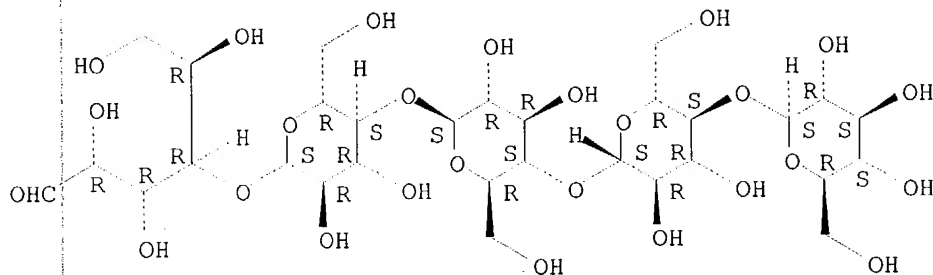
LC STN Files: CA, CAPLUS

CM 1

CRN 2240-27-9

CMF C30 H52 O26

Absolute stereochemistry.



CM 2

CRN 200811-17-2

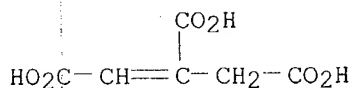
CMF C8 H10 O6

CCI IDS

CM 3

CRN 499-12-7

CMF C6 H6 O6





CM 4

CRN 67-56-1

CMF C H4 O

H<sub>3</sub>C-OH

1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 8 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200811-20-7 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotetraose-dimethyl aconitate copolymer

FS STEREOSEARCH

MF (C24 H42 O21 . C8 H10 O6)x

CI PMS

PCT Polyester, Polyother, Polyvinyl

SR CA

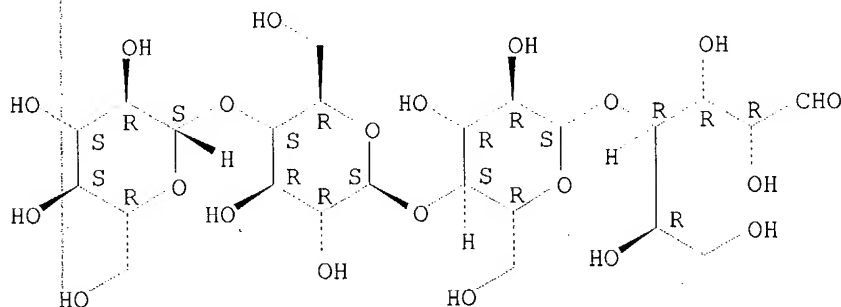
LC STN Files: CA, CAPLUS

CM 1

CRN 38819-01-1

CMF C24 H42 O21

Absolute stereochemistry.



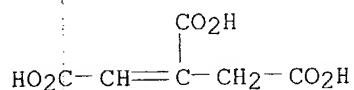
CM 2

CRN 200811-17-2

CMF C8 H10 O6  
CCI IDS

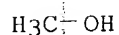
CM 3

CRN 499-12-7  
CMF C6 H6 O6



CM 4

CRN 67-56-1  
CMF C H4 O



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 9 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200811-19-4 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotriose-dimethyl aconitate copolymer

FS STEREOSEARCH

MF (C18 H32 O16 . C8 H10 O6)x

CI PMS

PCT Polyester, Polyether, Polyvinyl

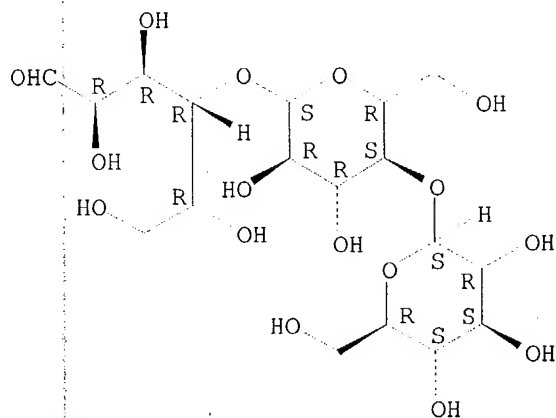
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 33404-34-1  
CMF C18 H32 O16

Absolute stereochemistry.



CM 2

CRN 200811-17-2

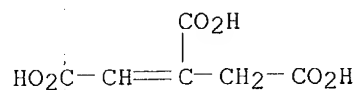
CMF C8 H10 O6

CCI IDS

CM 3

CRN 499-12-7

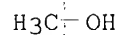
CMF C6 H6 O6



CM 4

CRN 67-56-1

CMF C H4 O



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 10 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200811-18-3 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with dimethyl  
hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with  
4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

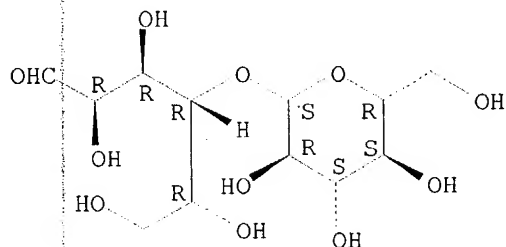
## OTHER NAMES:

CN Cellobiose-dimethyl aconitate copolymer  
 FS STEREOSEARCH  
 MF (C12 H22 O11 . C8 H10 O6)x  
 CI PMS  
 PCT Polyester, Polyether, Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 528-50-7  
 CMF C12 H22 O11

Absolute stereochemistry.

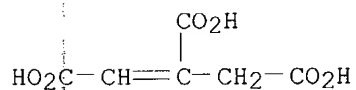


CM 2

CRN 200811-17-2  
 CMF C8 H10 O6  
 CCI IDS

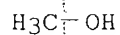
CM 3

CRN 499-12-7  
 CMF C6 H6 O6



CM 4

CRN 67-56-1  
 CMF C H4 O



1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 11 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-47-8 REGISTRY

CN D-Glucose, 4-O-.alpha.-D-glucopyranosyl-, polymer with diethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, diethyl ester, polymer with 4-O-.alpha.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Diethyl adipate-maltose copolymer

FS STEREOSEARCH

MF (C12 H22 O11 . C10 H18 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

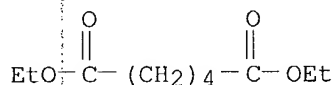
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 141-28-6

CMF C10 H18 O4

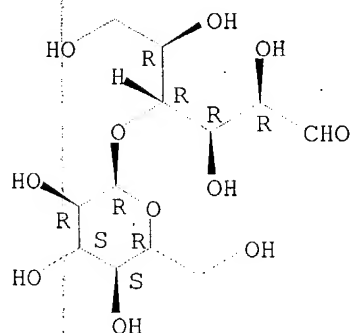


CM 2

CRN 69-79-4

CMF C12 H22 O11

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 12 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-46-7 REGISTRY

CN Alginic acid, polymer with 1,6-hexanediamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediamine, polymer with alginic acid (9CI)

OTHER NAMES:

CN Alginic acid-hexamethylenediamine copolymer

MF (C6 H16 N2 . Unspecified)x

CI PMS

PCT Manual component, Polyester, Polyester formed, Polyether

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 9005-32-7

CMF Unspecified

CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 2

CRN 124-09-4

CMF C6 H16 N2

H<sub>2</sub>N-(CH<sub>2</sub>)<sub>6</sub>-NH<sub>2</sub>

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 13 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-45-6 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with hexanedioic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Adipic acid-cellobiose copolymer

FS STEREOSEARCH

MF (C12 H22 O11 . C6 H10 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

SR CA

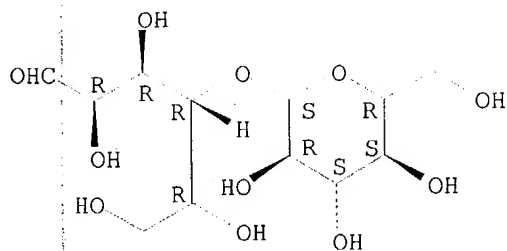
LC STN Files: CA, CAPLUS

CM 1

CRN 528-50-7

CMF C12 H22 O11

Absolute stereochemistry.



CM 2

CRN 124-04-9

CMF C6 H10 O4

HO<sub>2</sub>C--(CH<sub>2</sub>)<sub>4</sub>--CO<sub>2</sub>H

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 14 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-44-5 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with (E)-trimethyl 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, trimethyl ester, (E)-, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucose (9CI)

OTHER NAMES:

CN Cellohexaose-trimethyl trans-aconitate copolymer

FS STEREOSEARCH

MF (C36 H62 O31 . C9 H12 O6)x

CI PMS

PCT Polyother

SR CA

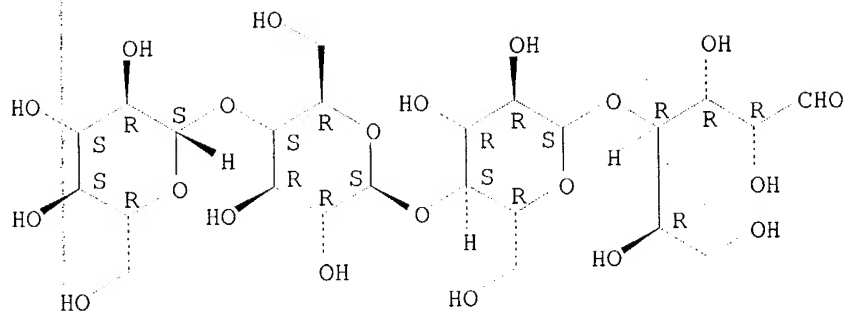
LC STN Files: CA, CAPLUS

CM 1

CRN 4271-99-2

CMF C9 H12 O6

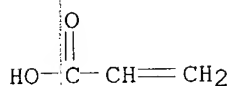
Double bond geometry as shown.



CM 2

CRN 79-10-7

CMF C3 H4 O2



1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 22 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-36-5 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with 2-propenoic acid (9CI)  
 (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Acrylic acid-celotriose copolymer

FS STEREOSEARCH

MF (C18 H32 O16 . C3 H4 O2)x

CI PMS

PCT Polyacrylic, Polyether

SR CA

LC STN Files: CA, CAPLUS

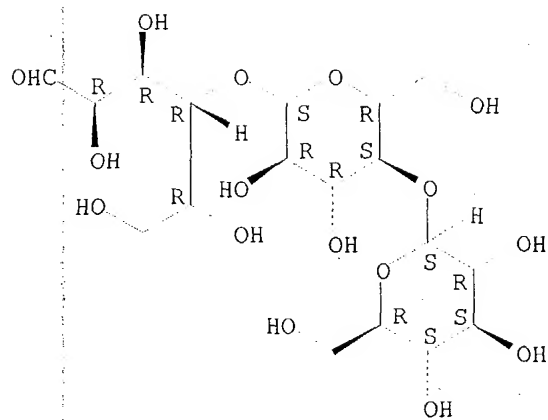
CM 1

CRN 33404-34-1

CMF C18 H32 O16

Absolute stereochemistry.

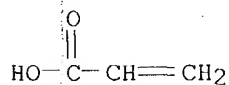




CM 2

CRN 79-10-7

CMF C3 H4 O2



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 23 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-35-4 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with 2-propenoic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Acrylic acid-cellobiose copolymer

FS STEREOSEARCH

MF (C12 H22 O11 . C3 H4 O2)x

CI PMS

PCT Polyacrylic, Polyether

SR CA

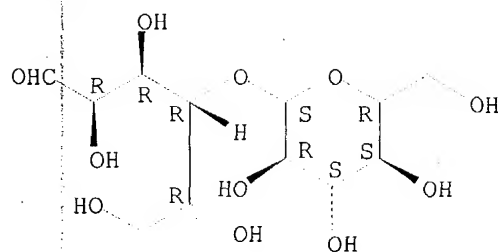
LC STN Files: CA, CAPLUS

CM 1

CRN 528-50-7

CMF C12 H22 O11

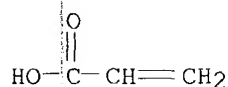
Absolute stereochemistry.



CM 2

CRN 79-10-7

CMF C3 H4 O2



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 24 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-34-3 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl heptanedioate (9CI). (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellohexaose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C36 H62 O31 . C9 H16 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

SR CA

LC STN Files: CA, CAPLUS

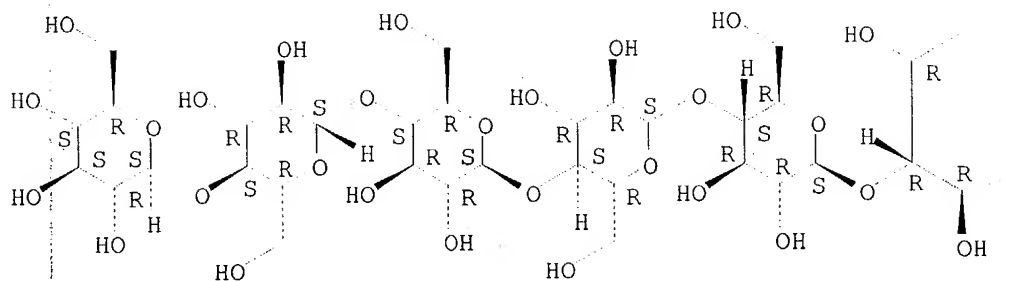
CM 1

CRN 2478-35-5

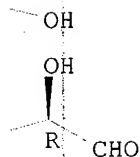
CMF C36 H62 O31

Absolute stereochemistry.

PAGE 1-A



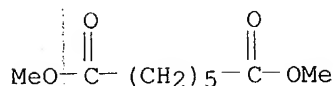
PAGE 1-B



CM 2

CRN 1732-08-7

CMF C9 H16 O4



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 25 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-33-2 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellopentaose-dimethyl pimelate copolymer

FS STEREOSEARCH

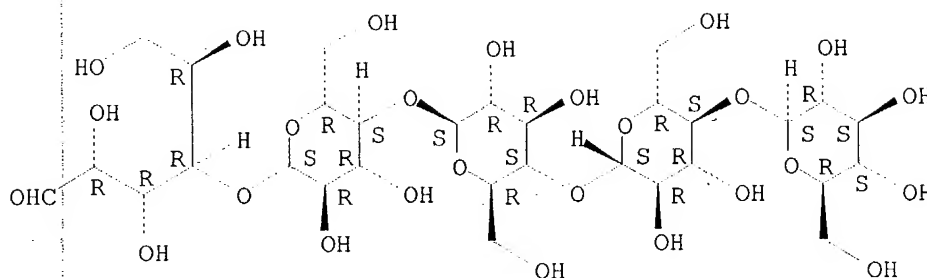
MF (C30 H52 O26 . C9 H16 O4)x

CI **PMS**  
 PCT Polyester, Polyester formed, Polyether  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

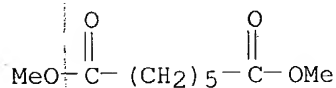
CRN 2240-27-9  
 CMF C30 H52 O26

Absolute stereochemistry.



CM 2

CRN 1732-08-7  
 CMF C9 H16 O4



1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 26 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-32-1 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotetraose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C24 H42 O21 . C9 H16 O4)x

CI **PMS**

PCT Polyester, Polyester formed, Polyether

SR CA

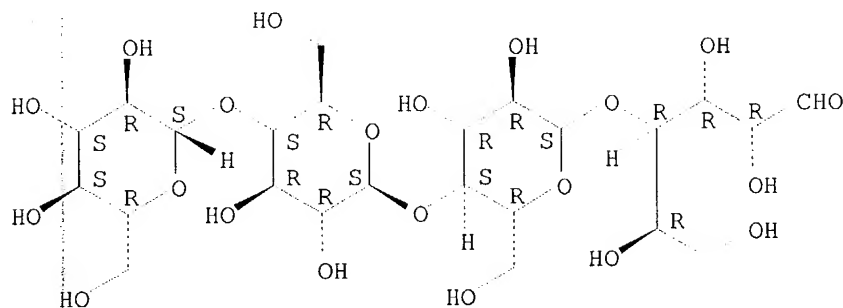
LC STN Files: CA, CAPLUS

CM 1

CRN 38819-01-1

CMF C24 H42 O21

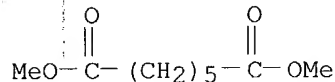
Absolute stereochemistry.



CM 2

CRN 1732-08-7

CMF C9 H16 O4



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 27 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-31-0 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotriose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C18 H32 O16 . C9 H16 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

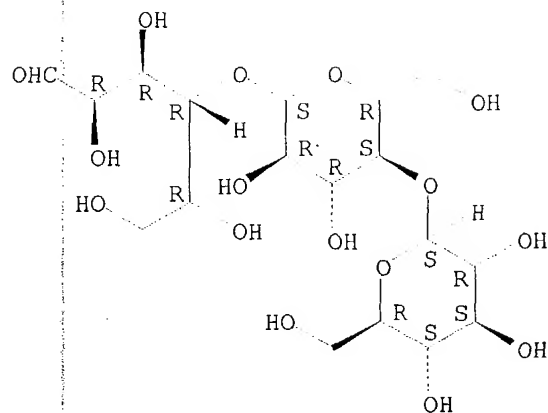
SR CA

LC STN Files: CA, CAPLUS

CM 1

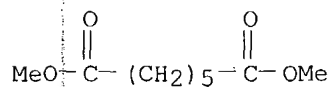
CRN 33404-34-1  
CMF C18 H32 O16

Absolute stereochemistry.



CM 2

CRN 1732-08-7  
CMF C9 H16 O4



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 28 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-30-9 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Cellobiose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C12 H22 O11 . C9 H16 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

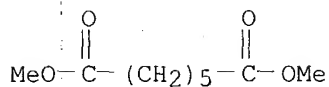
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 1732-08-7

CMF C9 H16 O4

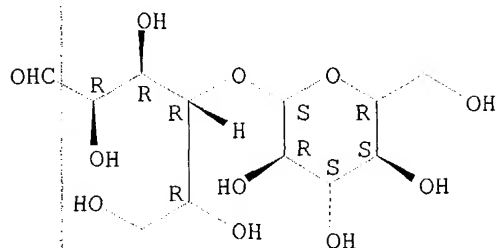


CM 2

CRN 528-50-7

CMF C12 H22 O11

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 29 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-29-6 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellopentaose-dimethyl adipate copolymer

FS STEREOSEARCH

MF (C30 H52 O26 . C8 H14 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

SR CA

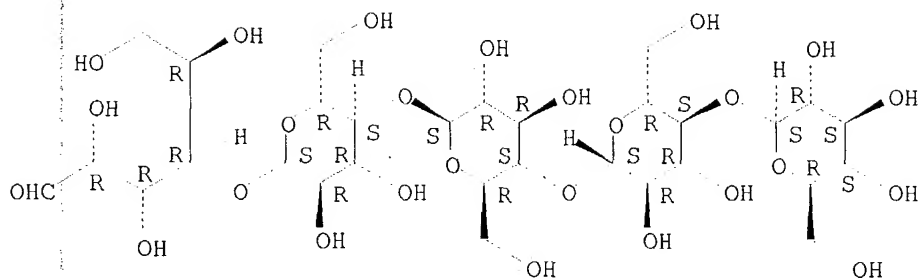
LC STN Files: CA, CAPLUS

CM 1

CRN 2240-27-9

CMF C30 H52 O26

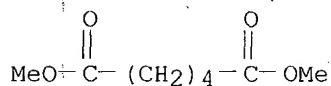
Absolute stereochemistry.



CM 2

CRN 627-93-0

CMF C8 H14 O4



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 30 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-28-5 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellohexaose-dimethyl adipate copolymer

FS STEREOSEARCH

MF (C36 H62 O31 . C8 H14 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

SR CA

LC STN Files: CA, CAPLUS

CM 1

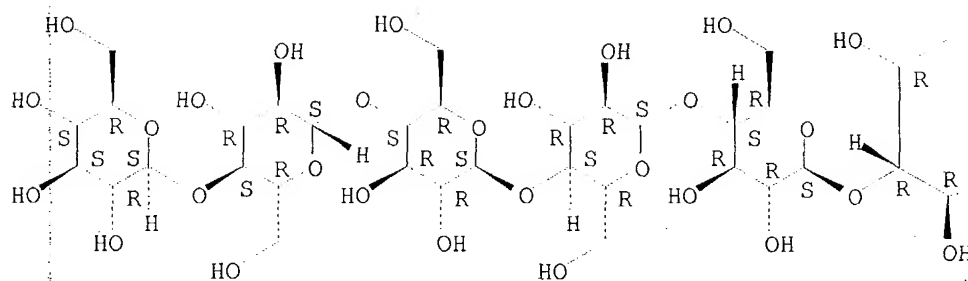
CRN 2478-35-5

CMF C36 H62 O31

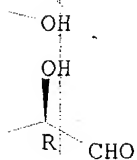
Absolute stereochemistry.



PAGE 1-A



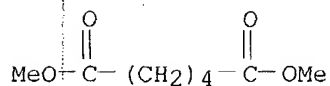
PAGE 1-B



CM 2

CRN 627-93-0

CMF C8 H14 O4



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 31 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-27-4 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotetraose-dimethyl adipate copolymer

FS STEREOSEARCH

MF (C24 H42 O21 . C8 H14 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

SR CA

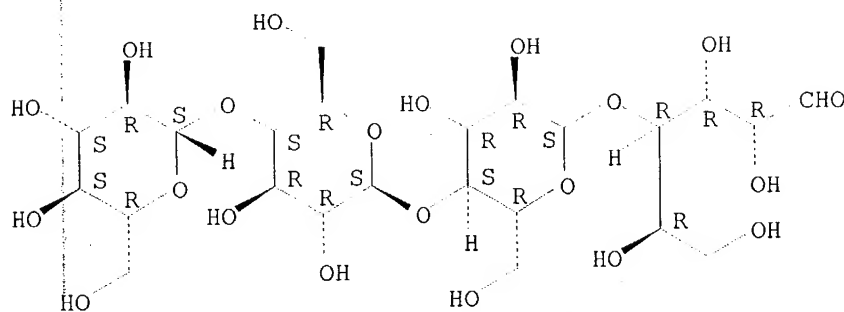
LC STN Files: CA, CAPLUS

CM 1

CRN 38819-01-1

CMF C24 H42 O21

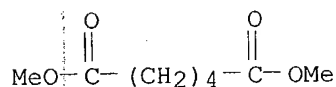
Absolute stereochemistry.



CM 2

CRN 627-93-0

CMF C8 H14 O4



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 32 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-26-3 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotriose-dimethyl adipate copolymer

FS STEREOSEARCH

MF (C18 H32 O16 . C8 H14 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

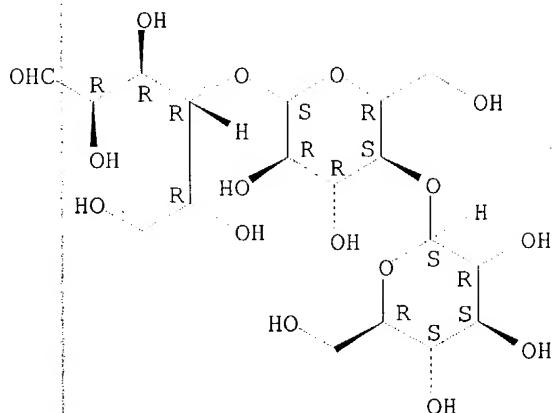
SR CA

LC STN Files: CA, CAPLUS

CM 1

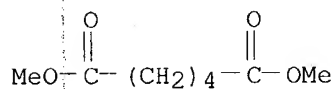
CRN 33404-34-1  
CMF C18 H32 O16

Absolute stereochemistry.



CM 2

CRN 627-93-0  
CMF C8 H14 O4



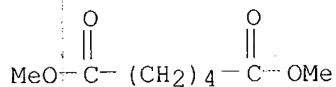
1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 33 OF 34 REGISTRY COPYRIGHT 1998 ACS  
RN 200730-25-2 REGISTRY  
CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Hexanedioic acid, dimethyl ester, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)  
OTHER NAMES:  
CN Cellobiose-dimethyl adipate copolymer  
FS STEREOSEARCH  
MF (C12 H22 O11 . C8 H14 O4)x  
CI PMS  
PCT Polyester, Polyester formed, Polyether  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

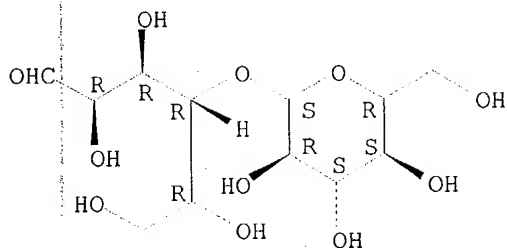
CRN 627-93-0  
CMF C8 H14 O4



CM 2

CRN 528-50-7  
CMF C12 H22 O11

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 34 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 73255-78-4 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with  
1,4-benzenedicarbonyl dichloride (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4-Benzenedicarbonyl dichloride, polymer with 4-O-.beta.-D-  
glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Cellobiose-terephthaloyl chloride copolymer

FS STEREOSEARCH

MF (C12 H22 O11 . C8 H4 C12 O2)x

CI PMS

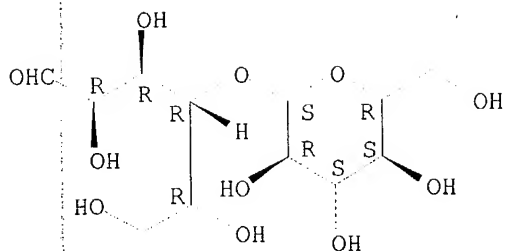
PCT Polyester, Polyester formed, Polyether

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

CM 1

CRN 528-50-7  
CMF C12 H22 O11

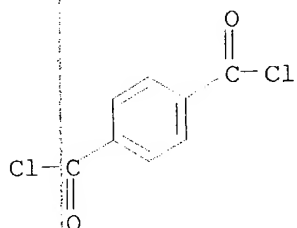
Absolute stereochemistry.



CM 2

CRN 100-20-9

CMF C8 H4 C12 O2



3 REFERENCES IN FILE CA (1967 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

REFERENCE 2: 119:146588

REFERENCE 3: 92:147256

=&gt; d ide can tot l11

L11 ANSWER 1 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 103219-11-0 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, acetate (9CI) (CA INDEX  
 NAME)

OTHER NAMES:

CN Cellobiose acetate

FS STEREOSEARCH

MF C12 H22 O11 . x C2 H4 O2

SR CA

LC STN Files: CA, CAPLUS

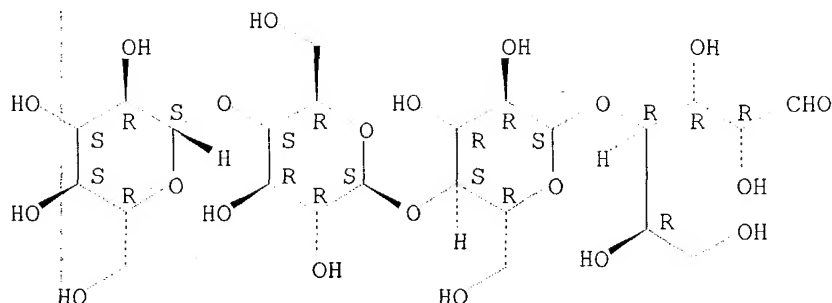
CM 1

CRN 528-50-7

CMF C12 H22 O11

Absolute stereochemistry.





173 REFERENCES IN FILE CA (1967 TO DATE)  
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 174 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:78466  
 REFERENCE 2: 129:13765  
 REFERENCE 3: 129:2031  
 REFERENCE 4: 128:292108  
 REFERENCE 5: 128:291902  
 REFERENCE 6: 128:254308  
 REFERENCE 7: 128:227877  
 REFERENCE 8: 128:167613  
 REFERENCE 9: 128:89267  
 REFERENCE 10: 127:342440

L11 ANSWER 3 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN **33404-34-1** REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cellotriose (6CI, 7CI, 8CI)

FS STEREOSEARCH

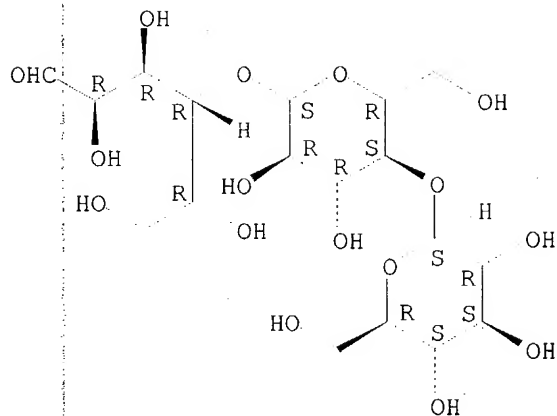
DR 2640-12-2

MF C18 H32 O16

CI COM

LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM, TOXLINE, TOXLIT, USPATFULL  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.



207 REFERENCES IN FILE CA (1967 TO DATE)

6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

210 REFERENCES IN FILE CAPLUS (1967 TO DATE)

29 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:132925

REFERENCE 2: 129:2031

REFERENCE 3: 128:291902

REFERENCE 4: 128:268270

REFERENCE 5: 128:254308

REFERENCE 6: 128:202205

REFERENCE 7: 128:180594

REFERENCE 8: 128:89267

REFERENCE 9: 127:342440

REFERENCE 10: 127:314248

L11 ANSWER 4 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 9013-79-0 REGISTRY

CN Esterase (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Esterase ES46.5K

CN Neuropathy target esterase

CN Nonspecific esterase

DR 9035-77-2

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CEN, CBNB, CIN, CSCHM, CSNB, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, NAPRALERT, PIRA, PNI, PROMT, TOXLINE, TOXLIT, ULIDAT, USPATFULL



\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

8299 REFERENCES IN FILE CA (1967 TO DATE)

64 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

8304 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:188554

REFERENCE 2: 129:188417

REFERENCE 3: 129:188416

REFERENCE 4: 129:186974

REFERENCE 5: 129:186785

REFERENCE 6: 129:186676

REFERENCE 7: 129:186410

REFERENCE 8: 129:186015

REFERENCE 9: 129:185900

REFERENCE 10: 129:185873

L11 ANSWER 5 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 9002-89-5 REGISTRY

CN Ethenol, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 117H

CN AH 17

CN Airvol 103

CN Airvol 107

CN Airvol 107SF

CN Airvol 125

CN Airvol 125SF

CN Airvol 165

CN Airvol 165SF

CN Airvol 321LA

CN Airvol 325

CN Airvol 325SF

CN Airvol 350

CN Airvol 350SF

CN Airvol 425

CN Airvol 53

CN Airvol 710

CN Airvol 803

CN Airvol WS 42

CN Alcotex 17F-H

CN Alcotex 72.5L

CN Alcotex 75L

CN Alcotex 99/10

CN Alvyl

CN Aquareserve GP 02

CN Aquareserve GP 48

CN Aracet APV

CN Aracet APV 120-88

CN Aracet APV 50-92

CN Aracet APV 50/88  
CN Atactic poly(vinyl alcohol)  
CN AX 300SN  
CN Bansuta PX 25  
CN BF 24  
CN Bos 2-40  
CN Bovlon  
CN Bovlon EX  
CN Buna 45/02  
CN Buna 55/02  
CN Buna 55/12  
CN C 10  
CN C 10 (vinyl polymer)  
CN C 17  
CN C 17S  
CN C 20  
CN C 20 (vinyl polymer)  
CN C 25  
CN Cellacell 279  
CN ChemTrend 39  
CN Cipoviol W 72

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 9014-14-6, 9050-53-7, 9066-05-1, 162261-31-6, 53241-16-0,  
58740-50-4, 25038-51-1, 98002-48-3, 106442-33-5, 61584-38-1,  
147827-36-9, 151439-02-0, 155421-52-6, 39320-29-1

MF (C2 H4 O)x

CI PMS, COM

PCT Polyvinyl

LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,  
APIPAT2, BIOBUSINESS, BIOSIS, CA, CABA, CANCERLIT, CAPLUS,  
CASREACT, CEN, CHEMCATS, CHEMLIST, CBNB, CHEMSAFE, CIN, CSCHEM,  
CSNB, DETHERM\*, DDFU, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT,  
IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PDLCOM\*, PIRA,  
PLASPEC\*, PNI, PROMT, RTECS\*, TOXLINE, TOXLIT, TULSA, USAN,  
USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 557-75-5

CMF C2 H4 O

$\text{H}_2\text{C}=\text{CH}-\text{OH}$

34473 REFERENCES IN FILE CA (1967 TO DATE)  
2689 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
34511 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:196739

REFERENCE 2: 129:195836

REFERENCE 3: 129:195833

REFERENCE 4: 129:195744  
REFERENCE 5: 129:195718  
REFERENCE 6: 129:195688  
REFERENCE 7: 129:195082  
REFERENCE 8: 129:193746  
REFERENCE 9: 129:193718  
REFERENCE 10: 129:193714

L11 ANSWER 6 OF 11 REGISTRY COPYRIGHT 1998 ACS  
RN 9001-62-1 REGISTRY  
CN Lipase, triacylglycerol (9CI) (CA INDEX NAME)  
OTHER NAMES:

CN Amano AP  
CN Amano B  
CN Amano CE  
CN Amano CES  
CN Amano LPL 200S  
CN Amano M  
CN Amano N-AP  
CN Amano P  
CN Arthrobacter lipase  
CN Butyrylase  
CN C-Lipase  
CN Cacodase  
CN Capalase K  
CN Capalase L  
CN ChiroCLEC-CR  
CN ChiroCLEC-PC  
CN CloneZyme ESL 001  
CN E.C. 3.1.1.3  
CN GA 56  
CN GA 56 (enzyme)  
CN Glycerol ester hydrolase  
CN Hepatic lipase  
CN Hepatic triacylglycerol lipase  
CN Italase C  
CN Lipase  
CN Lipase A  
CN Lipase AK  
CN Lipase AP  
CN Lipase AY  
CN Lipase AY 30  
CN Lipase CE  
CN Lipase D  
CN Lipase LP  
CN Lipase M  
CN Lipase M-AP 10  
CN Lipase MY  
CN Lipase N  
CN Lipase OF  
CN Lipase P

CN Lipase PL  
CN Lipase PL 679  
CN Lipase PN  
CN Lipase PS  
CN Lipase QL  
CN Lipase SAM-II  
CN Lipase-esterase  
CN Lipazin  
CN Lipidase 10000  
CN Lipolactine G 10x  
CN Lipolactine G10x

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

AR 152923-53-0

DR 9001-70-1, 9004-01-7, 9014-49-7, 119663-46-6, 142615-72-3

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CABA,  
CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CBNB,  
CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA,  
MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PNI, PROMT, RTECS\*,  
TOXLINE, TOXLIT, ULIDAT, USAN, USPATFULL, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

16000 REFERENCES IN FILE CA (1967 TO DATE)

359 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

16019 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:193717

REFERENCE 2: 129:193623

REFERENCE 3: 129:190692

REFERENCE 4: 129:190691

REFERENCE 5: 129:189710

REFERENCE 6: 129:189142

REFERENCE 7: 129:189030

REFERENCE 8: 129:188595

REFERENCE 9: 129:188554

REFERENCE 10: 129:188552

L11 ANSWER 7 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 6556-12-3 REGISTRY

CN D-Glucuronic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

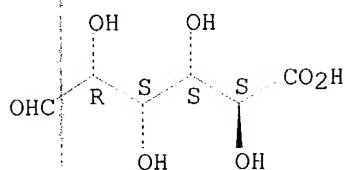
CN Glucuronic acid, D- (8CI)

OTHER NAMES:

CN D-(+)-Glucuronic acid

CN Glucosiduronic acid  
 CN Glucuronic acid  
 FS STEREOSEARCH  
 DR 12758-41-7, 36116-79-7, 87090-89-9, 87246-82-0  
 MF C6 H10 O7  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA,  
 CABA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN,  
 CSCHEM, EMBASE, GMELIN\*, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA,  
 MRCK\*, NAPRALERT, NIOSHTIC, PIRA, PROMT, SPECINFO, TOXLINE,  
 TOXLIT, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



2010 REFERENCES IN FILE CA (1967 TO DATE)  
 187 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2014 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:193538  
 REFERENCE 2: 129:188627  
 REFERENCE 3: 129:188500  
 REFERENCE 4: 129:186307  
 REFERENCE 5: 129:186300  
 REFERENCE 6: 129:185989  
 REFERENCE 7: 129:148488  
 REFERENCE 8: 129:147168  
 REFERENCE 9: 129:140748  
 REFERENCE 10: 129:136403

L11 ANSWER 8 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 2478-35-5 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-  
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-  
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-  
 (1.fwdarw.4)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cellohexaose (6CI, 7CI, 8CI)

FS STEREOSEARCH

MF C36 H62 O31

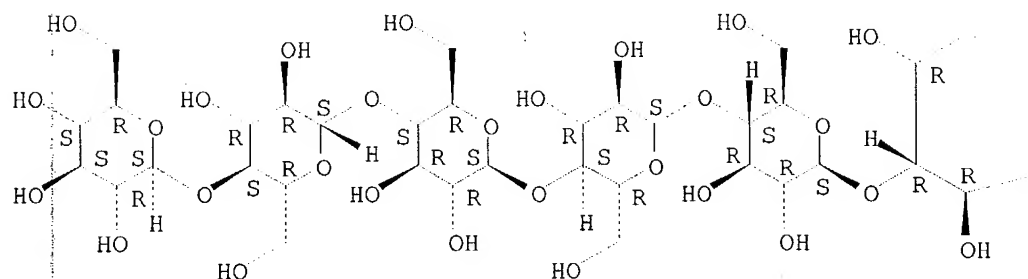
CI COM

LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA,  
CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CSCHEM, MEDLINE, TOXLINE,  
TOXLIT

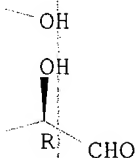
(\*File contains numerically searchable property data)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



89 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

90 REFERENCES IN FILE CAPLUS (1967 TO DATE)

5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE	1:	129:78466
REFERENCE	2:	128:227877
REFERENCE	3:	128:89267
REFERENCE	4:	127:314248
REFERENCE	5:	127:274627
REFERENCE	6:	127:201832
REFERENCE	7:	127:2413
REFERENCE	8:	126:340293
REFERENCE	9:	126:251310

REFERENCE 10: 125:241707

L11 ANSWER 9 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 2240-27-9 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cellopentaose (6CI, 7CI, 8CI)

FS STEREOSEARCH

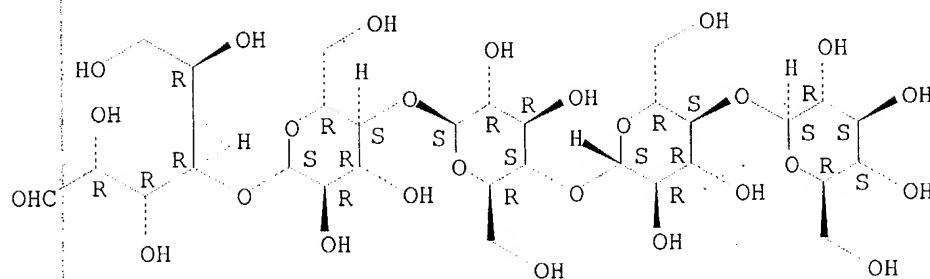
DR 38819-02-2

MF C30 H52 O26

CI COM

LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CSCHEM, TOXLINE, TOXLIT  
(\*File contains numerically searchable property data)

Absolute stereochemistry.

143 REFERENCES IN FILE CA (1967 TO DATE)  
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
144 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:78466

REFERENCE 2: 129:13765

REFERENCE 3: 128:292108

REFERENCE 4: 128:291902

REFERENCE 5: 128:254308

REFERENCE 6: 128:227877

REFERENCE 7: 128:227855

REFERENCE 8: 128:89267

REFERENCE 9: 127:342440

REFERENCE 10: 127:341225

L11 ANSWER 10 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 528-50-7 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl- (6CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cellobiose (8CI)

OTHER NAMES:

CN Cellose

CN D-(+)-Cellobiose

CN D-Cellobiose

AR 16462-44-5

FS STEREOSEARCH

DR 23315-16-4

MF C12 H22 O11

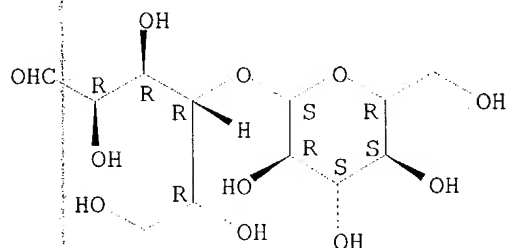
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CABA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DETHERM\*, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MRCK\*, MSDS-OHS, PIRA, PROMT, TOXLINE, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



2769 REFERENCES IN FILE CA (1967 TO DATE)

115 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2772 REFERENCES IN FILE CAPLUS (1967 TO DATE)

57 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:197357

REFERENCE 2: 129:197347

REFERENCE 3: 129:175854

REFERENCE 4: 129:174982

REFERENCE 5: 129:172691

REFERENCE 6: 129:172258

REFERENCE 7: 129:161765

REFERENCE 8: 129:160885

REFERENCE 9: 129:160778



REFERENCE 10: 129:149146

L11 ANSWER 11 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 110-60-1 REGISTRY

CN 1,4-Butanediamine (8CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Tetramethylenediamine (7CI)

OTHER NAMES:

CN .alpha.,.omega.-Butanediamine

CN 1,4-Butylenediamine

CN 1,4-Diamino-n-butane

CN 1,4-Diaminobutane

CN 1,4-Tetramethylenediamine

CN Putrescin

CN Putrescine

FS 3D CONCORD

MF C4 H12 N2

CI COM

LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CBNB, CIN, CSCHM, DETHERM\*, DDFU, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, GMELIN\*, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PNI, PROMT, RTECS\*, SPECINFO, TOXLINE, TOXLIT, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

H<sub>2</sub>N-(CH<sub>2</sub>)<sub>4</sub>-NH<sub>2</sub>

8099 REFERENCES IN FILE CA (1967 TO DATE)

315 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

8105 REFERENCES IN FILE CAPLUS (1967 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:189515

REFERENCE 2: 129:186661

REFERENCE 3: 129:186601

REFERENCE 4: 129:185991

REFERENCE 5: 129:183941

REFERENCE 6: 129:183883

REFERENCE 7: 129:175960

REFERENCE 8: 129:175627

REFERENCE 9: 129:175483

REFERENCE 10: 129:174896